

Envelope Nov 15

Work Order ID 74952

Thursday, October 13, 2011 1:33:50 PM

74952

Page 1

Item ID: D350-591-311

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Heli-Access-Step, Long LH

Start Date: 10/13/2011 Start Qty: 5.00

5

Cust Item ID:

Required Date: 11/15/2011 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals:

Process Plan:

Date:

11-10-13

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3272

Rev B

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels as per PPP D350-591-311 CHG001

Sululog

for mls 11-11-8 (3)

110

0.00

110

Large Fab

Large Fab

Memo

0.00

Large Fab

1-Bevel end for welding FWD ONLY

2-Weld Support using Jig DT8719, weld Fwd End Plate as per QSI 004 & Dwg D3272

A/RAluminum Rod

114514
118735

3-Grind End Plate flush

11.10.26

5 0

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 74952

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Page 2

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Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120 QC9- Inspect visual per QSI004- Fusion Welds

0.00

120

QC Memo

0.00

Quality Control

5 0 BE 11/10/26

130 QC5- Inspect part completeness to step on W/O

0.00

130

QC Memo

0.00

Quality Control

5 u 11/10/26

XJ 4M

140 Chemical Conversion Coat per QSI005 4.1

0.00

140

HandFinish Memo

0.00

Hand Finishing

5X 0 M 11/10/26
LH

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Page 3

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Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

150

QC3- Inspect Part Finish

0.00

150

QC

Memo

0.00

Quality Control

5 BL 11-10-27

180

Large Fab

0.00

180

Large Fab

Memo

0.00

Large Fab

1-Assemble Leg Assembly as per Dwg D3272.

2-Leave one rivet out until welding is complete.

3-Bevel Aft end for welding

4-Inspect for foreign object as per QSI 024

5-Weld Aft End Plate as per QSI 004 & Dwg D3272

A/RAluminum Rod 114514

6-Grind End Plate flush

7-Install last rivet as per Dwg.

11-11-025 φ

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 4

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Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

190

QC10- Inspect visual per QSI004- ground welds

0.00

190

QC

Memo

0.00

Quality Control

5 0 BEN/11/04

200

QC5- Inspect part completeness to step on W/O

0.00

200

QC

Memo

0.00

Quality Control

11 - 11 - 04 (5)

210

Chemical Conversion Coat per QSI005 4.1

0.00

210

HandFinish

Memo

0.00

Hand Finishing

5X0 m/11/11/04
LH

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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74952

Page 5

N900040100

Setup Start *NS1*

Stop *NS2*

5

Cust Item ID:

5

Customer:

Reference:

Run Start *NR1*

Stop ***NR2***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00

220

Powdercoat

Powder Coating

Memo

START TIME:

OVEN TEMPERATURE: _____

FINISH TIME:

0.00

230

Wing Walk as per dwg QSI005 4.4 Batch 15988 0.00

230

HandFinish

Hand Finishing

Memo

0.00

240

QC3- Inspect Part Finish

0.00

240

QC

Quality Control

Memo

0.00

5th of July
counted

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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74952

Page 6

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 Start Date: 10/13/2011 Start Qty: 5.00 ***5*** Cust Item ID:
 Required Date: 11/15/2011 Req'd Qty: 5.00 ***5*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
250	Pick Kit	0.00							
250									
Packaging	Memo	0.00							
Packaging									
260	QC4- 100% Inspect kits for completeness	0.00							
260									
QC	Memo	0.00							
Quality Control									
270		0.00							
270									
Packaging	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD350-591-311								
	Location: <u>HAN</u>								

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID 74952***74952***

Page 7

Thursday, October 13, 2011 1:33:50 PM

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Start Date: 10/13/2011 Start Qty: 5.00

5

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Required Date: 11/15/2011 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
280	QC21- Final Inspection - Work Order Release	0.00							
280									
QC	Memo	0.00							
Quality Control									

11/11/11
ME 11-11-09

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

Thursday, October 13, 2011 1:33:55 PM

Page 1

Work Order ID: 74952

74952

Parent Item: D350-591-311

D350-591-311

Parent Item Name: Heli-Access-Step, Long LH

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

Comments:

IPP Rev:A04.03.22New issue KJ/RF

IPP Rev:B 07-06-09 Added D3272-1 JLM

IPP C returned to CHG001 for Eurocopter, ref NCR08-082 LL verified

by:EC IPP Rev:D fixe route seq in bom DD 10.04.28 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3272-1 *D3272-1* Step		Manufactured	No			110	Each	0.0000	1	5	**	11.10.21	(5)
D3067-1 *D3067-1* End Plate		Manufactured	No			110	Each	63.0000	1	5	**	11.10.25	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		62							
				67582		2							
				73404		60							
				WA016		1							
				68214		1							
D3219-1 *D3219-1* Plate		Manufactured	No			110	Each	138.0000	2	10	**	11.10.25	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		138							
				72128		8							
				73410		130							
D3066-1 *D3066-1* Spacer		Manufactured	No			180	Each	48.0000	2	10	**	11.11.01	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		48							
				73409		48							

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Thursday, October 13, 2011 1:33:55 PM

Page 2

Work Order ID: 74952

74952

Parent Item: D350-591-311

D350-591-311

Parent Item Name: Heli-Access-Step, Long LH

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

MS20600-AD4W4

Purchased

No

180

Each

2,694.000

16

80

MS20600-AD4W4

Rivets

**

Ac 11.11.01

Location

Loc Qty

Loc Code

ST321

2689

116188

59

117364

253

117601

200

117885

195

118840

1982

WA018

5

116712

5

D3065-041

Manufactured

No

180

Each

0.0000

1

5

D3065-041

Step Leg Assembly Hi

**

B74487 X3 Ac 11.11.01

D3067-1

Manufactured

No

180

Each

63.0000

1

5

D3067-1

End Plate

**

Ac 11.11.02

Location

Loc Qty

Loc Code

WA

62

67582

2

73404

60

WA016

1

68214

1

AN3-35A

Purchased

No

250

Each

103.0000

2

10

AN3-35A

Bolt

**

SP 11-11-08

Location

Loc Qty

Loc Code

ST353

103

117619

3

117794

1

118838

99

10X

Thursday, October 13, 2011 1:33:55 PM

Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Picklist Print

Thursday, October 13, 2011 1:33:55 PM

Page 3

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74952

Parent Item: - D350-591-311

D350-591-311

Parent Item Name: Heli-Access-Step, Long LH

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

D3235-1

Manufactured No

250

Each

30.0000

2 10
**

D3235-1

Mounting Lug

Location

Loc Qty

Loc Code

ST481

30

71965

30

250

Each

0.0000

10X
1 5

D3278-041

Manufactured No

D3278-041

Support Assembly

AN960JD416

NAS1149D0463J

Purchased

No

250

Each

0.0000

16 80
**

AN960.ID416

Washer

AN960JD516

NAS1149D0563J

Purchased

No

250

Each

0.0000

4 20
**

AN960.ID516

Washer

AN5-36A

Purchased

No

250

Each

115.0000

2 10
**

AN5-36A

Bolt

Location

Loc Qty

Loc Code

ST340

15

118838

15

ST341

100

118451

100

250

Each

100.0000

10X
2 10

D2618

Manufactured No

D2618

Bushing

Location

Loc Qty

Loc Code

ST019

100

73408

100

10X

Thursday, October 13, 2011 1:33:55 PM

Shop Packet Print

Page 3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Thursday, October 13, 2011 1:33:56 PM

Page 4

Work Order ID: 74952

74952

Parent Item: D350-591-311

D350-591-311

Parent Item Name: Heli-Access-Step, Long LH

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

D2230-3 Manufactured No

250

Each

183.0000

4 20

D2230-3

Lug

**

SP

Location

Loc Qty

Loc Code

ST476

4

53881

4

ST480

179

70973

1

73396

178

D2856-400

Manufactured No

250

f

334.8845

1.2

6

D2856-400

Abraison Strip

**

SP 11-11-08

Location

Loc Qty

Loc Code

ST403

0.3149

68076

0.3149

ST409

334.5696

63735

0.6696

71164

117.9

73491

216

*** cut (2) at 7.20" (D2856-400-720) ***

Thursday, October 13, 2011 1:33:56 PM

Shop Packet Print

Page 4

Dart Aerospace Ltd

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Thursday, October 13, 2011 1:33:56 PM

Page 5

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74952

D350-591-311

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

MS21042L3

Purchased

No

250

Each

10,396.00

2 10

MS21042L3

Nut

**

SP

Location

Loc Qty

Loc Code

ST300

1396

117441

16

117885

91

118451

341

118927

948

ST516

6000

119017

6000

ST518

3000

119075

3000

10A

AN4-13A

Purchased

No

250

Each

1,172.000

8 40

AN4-13A

Bolt

**

SP 11-11-07

Location

Loc Qty

Loc Code

ST357

1172

118078

594

118706

78

118838

500

40A

Thursday, October 13, 2011 1:33:56 PM

Shop Packet Print

Page 5

Dart Aerospace Ltd

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Page 6

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74952

D350-591-311

Start Date: 10/13/2011

Required Date: 11/15/2011

Start Qty: 5.00

Required Qty: 5.00

MS21042L5

Purchased

No

250

Each

2,574.000

2 10

**

MS21042I 5

Nut

Location

Loc Qty

Loc Code

ST300

1074

116105

5

116548

53

117441

138

117611

82

118179

496

118910

300

ST518

1500

119109

1500

MS21042L4

Purchased

No

250

Each

14,231.00

8 40

**

MS21042I 4

Nut

Location

Loc Qty

Loc Code

ST300

3231

117441

51

117601

557

117885

56

118451

1567

118927

1000

ST516

6000

119017

6000

ST518

5000

119075

5000

AN960JD10

NAS1149D0363J Purchased

No

250

Each

0.0000

4 20

**

AN960.ID10

Washer

m 118968 sp 11-11-07.

Thursday, October 13, 2011 1:33:56 PM

Shop Packet Print

Page 6

Dart Aerospace Ltd

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DART

DESIGN <i>QP</i>	DRAWN BY <i>JB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>LE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3272	REV. B SHEET 1 OF 3
DATE 07.05.18		TITLE STEP ASSEMBLY, HI LONG	SCALE NTS
A	04.03.01	NEW ISSUE	
B	07.05.18	D3272-1 WAS D2622-120	

RELEASED*07.06.04 [Signature]*

QTY -041	QTY -042	PART NUMBER	DESCRIPTION
X		D3272-041	STEP ASSEMBLY, HIGH LONG (LH)
	X	D3272-042	STEP ASSEMBLY, HIGH LONG (RH)
1	1	D3065-041	LEG ASSEMBLY
2	2	D3066-1	SPACER
2	2	D3067-1	END PLATE
2	2	D3219-1	SUPPORT
1	1	D3272-1	STEP
16	16	MS20600AD4W4	RIVET

GENERAL NOTES:

- 1) D3272-041 SHOWN. FOR D3272-042, INSTALL D3219-1 SUPPORT OPPOSITE SIDE
- 2) WELD PER DART QSI 004
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005.4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 5) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX.

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WITHOUT NOTICE
WORK ORDER

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

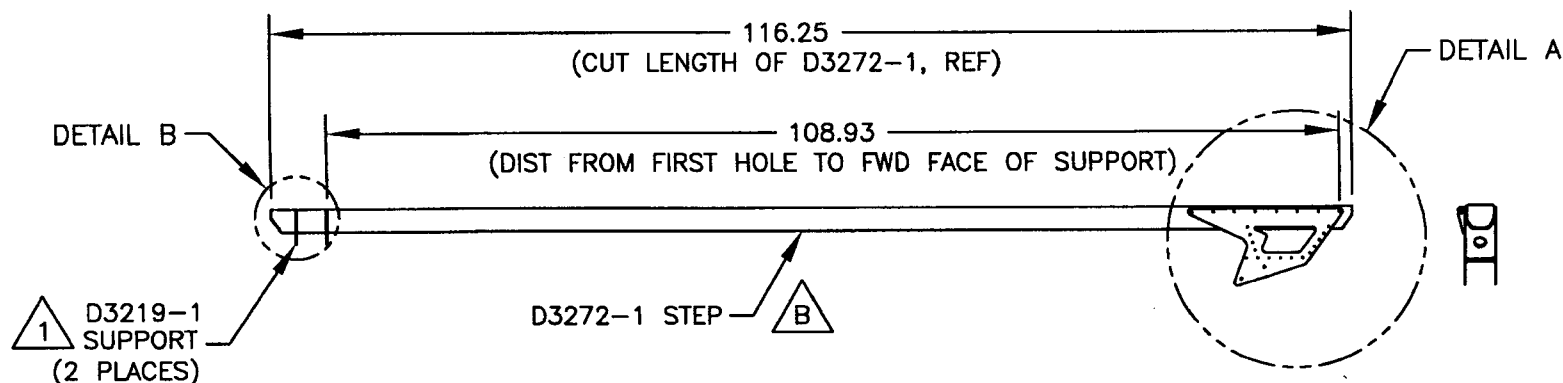
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

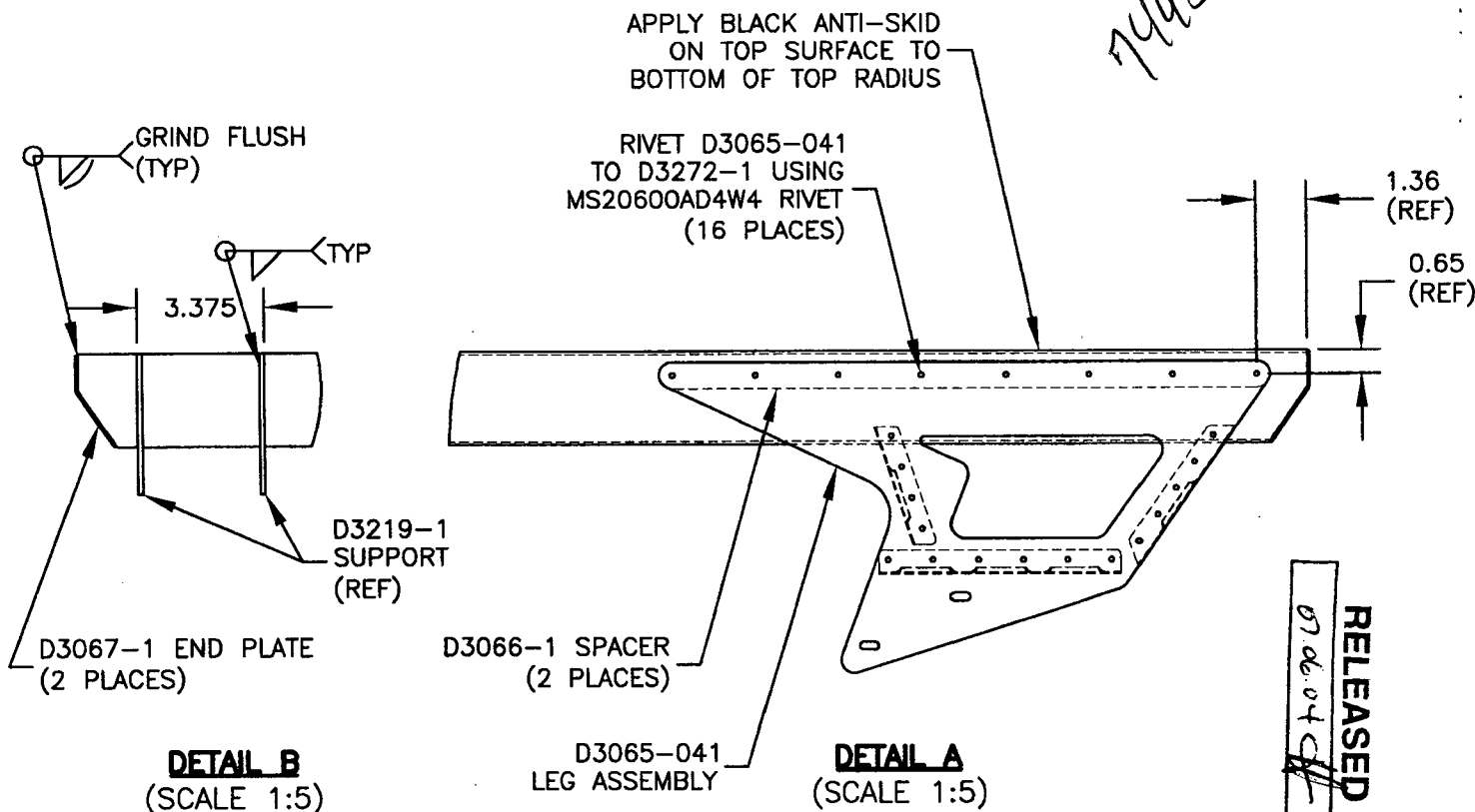
NOTE: Date & initial all entries



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. B
CHECKED	APPROVED	DRAWING NO. D3272	SHEET 2 OF 3
DATE	TITLE	STEP ASSEMBLY, HI LONG	SCALE
07.05.18			1:20



D3272-041 STEP ASSEMBLY (LH. SHOWN)
D3272-042 STEP ASSEMBLY (RH, OPPOSITE)



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

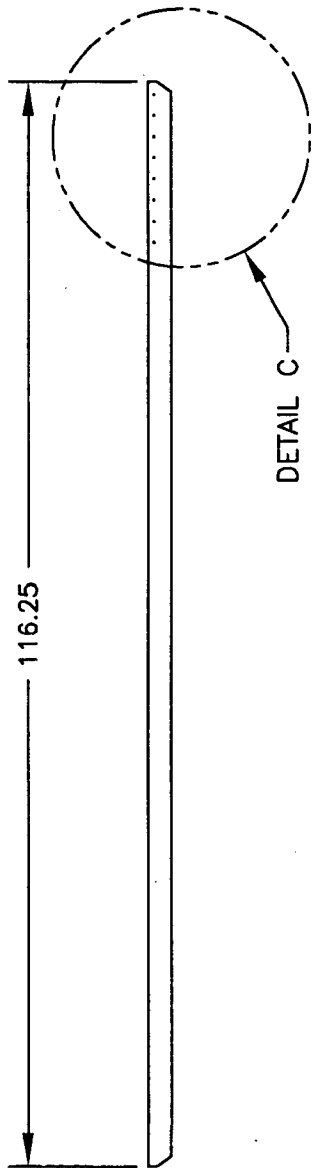
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



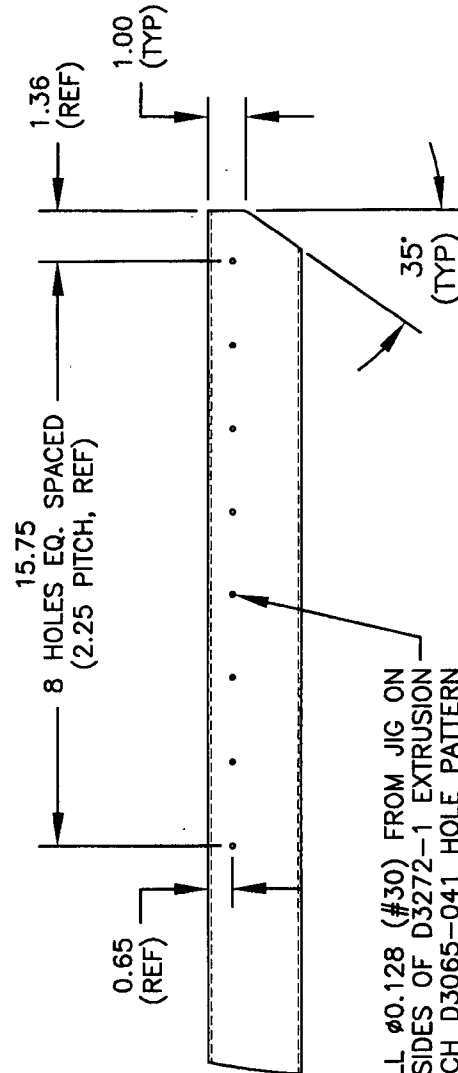
DESIGN <i>GP</i>	DRAWN BY <i>JB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>LE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3272	REV. B SHEET 3 OF 3
DATE 07.05.18		TITLE STEP ASSEMBLY, HI LONG	SCALE 1:20



DETAIL C

B D3272-1 STEP

(MAKE FROM D2622-120 STEP EXTRUSION)



DRILL $\phi 0.128$ (#30) FROM JIG ON BOTH SIDES OF D3272-1 EXTRUSION TO MATCH D3065-041 HOLE PATTERN

DETAIL C
(SCALE 1:5)

RELEASED

07.06.04

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Qty -211	Qty -212	Qty -213	Qty -214	Qty -215	Qty -216	Qty -311	Qty -312	Part Number	Description
X								D350-591-211	Heli-Access-Step™ , Long Step – High Skid, LH
	X							D350-591-212	Heli-Access-Step™ , Long Step – High Skid, RH
		X						D350-591-213	Heli-Access-Step™ , Short Step – High Skid, LH
			X					D350-591-214	Heli-Access-Step™ , Short Step – High Skid, RH
				X				D350-591-215	Heli-Access-Step™ , Short Step – Low Skid, LH
					X			D350-591-216	Heli-Access-Step™ , Short Step – Low Skid, RH
						X		D350-591-311	Heli-Access-Step™ , Long Step – High Skid, LH
							X	D350-591-312	Heli-Access-Step™ , Long Step – High Skid, RH
1								D3070-041	STEP ASSEMBLY (HIGH-LONG, LH)
	1							D3070-042	STEP ASSEMBLY (HIGH-LONG, RH)
		1						D3078-041	STEP ASSEMBLY (HIGH-SHORT, LH)
			1					D3078-042	STEP ASSEMBLY (HIGH-SHORT, RH)
				1				D3168-041	STEP ASSEMBLY (LOW-SHORT, LH)
					1			D3168-042	STEP ASSEMBLY (LOW-SHORT, RH)
						1		D3272-041	STEP ASSEMBLY (HIGH-LONG, LH)
							1	D3272-042	STEP ASSEMBLY (HIGH-LONG, RH)
4	4							D2182B035	RUBBER CUSHION
		2	2	2	2			D2230-1	MOUNTING LUG
		2	2	2	2	4	4	D2230-3	MOUNTING LUG
8	8							D2274	RADIUS BLOCK
						2	2	D2618	BUSHING
4	4	4	4	4	4			D2732-030	CUSHION
2	2	1	1	1	1	2	2	D2856-400-720	ABRASION STRIP
2	2							D3064-1	CLAMP
1	1							D3079-041	SUPPORT ASSEMBLY
4	4							D3080-1	CLAMP
						2	2	D3235-1	MOUNTING LUG
						1	1	D3278-041	SUPPORT ASSEMBLY
2	2	2	2	2	2	2	2	AN3-35A	BOLT
10	10	2	2	2	2			AN4-11A	BOLT
		4	4	4	4	8	8	AN4-13A	BOLT
						2	2	AN5-36A	BOLT
4	4	4	4	4	4	4	4	AN960JD10	WASHER
20	20	12	12	12	12	16	16	AN960JD416	WASHER
						4	4	AN960JD516	WASHER
2	2	2	2	2	2	2	2	MS21042L3	NUT
10	10	6	6	6	6	8	8	MS21042L4	NUT
						2	2	MS21042L5	NUT
						1	1	*DSI 9410-011	STEP MODIFICATION KIT

*DSI 9410-011 Step Modification Kits are provided with all D350-591-311 and D350-591-312 Steps. This kit is provided as an option for the installer and is therefore **NOT REQUIRED** to complete the installation of the D350-591-311 or D350-591-312 Steps. Refer to Figure 21 for installation of the DSI 9410-011 Kit.